DRUGGED DRIVING CONFERENCE

March 4-6, 2019 Law Enforcement Administrative Facility (LEAF)



DRE TRIALS

Presented by:

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Distributed by:

ARIZONA PROSECUTING ATTORNEYS' ADVISORY COUNCIL 1951 West Camelback Road, Suite 202 Phoenix, Arizona 85015

> ELIZABETH ORTIZ EXECUTIVE DIRECTOR

DRE TRIALS

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Daubert Factors

- (1) whether the theory or technique in question can be and has been tested;
 (2) whether it has been subjected to peer review and publication;
 (3) its known or potential error rate;

- ▶ (4) the existence and maintenance of standards controlling its operation; and
- (5) whether it has attracted widespread acceptance within a relevant scientific community.

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Daubert Factors ▶

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DRUG EVALUATION & CLASSIFICATION PROGRAM VALIDATION — JOHNS HOPKINS STUDY • JOHNS HOPKINS Laboratory Validation Study (1984) • 80 volunteers each took a "pill" and smoke a "cigarette" • The pill was one of the following:

- a placebo
- Secobarbital (300mg)
- Diazepam Valium (15 & 30mg)
- D-amphetamine (Dexedrine 15 & 30mg)
- ► The cigarette contained one of the following:
 - ► Placebo
 - ▶ 1.3 % THC
 - 2.8 % THC
- > Neither the officers nor the volunteers knew what had been taken

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DRUG EVALUATION & CLASSIFICATION PROGRAM - VALIDATION – JOHNS HOPKINS STUDY – RESULTS!

- Correctly identified non-impaired subjects 95% of the time
- > 98.7% of high dose subjects classified as impaired
- DRE procedures correction identified the category in more than 90% of the impaired subjects
- Less successful with low dose*
 - > 17.5% of the low dose d-amphetamines were classified impaired
- > 32.5% of the "weak" mj cigarettes were classified impaired
- Lab studies limit dose levels of drugs usually doses are must less than seen at street levels
 - May have been missing signs of impairment would have seen from street level doses
- > Other limitation is that only 4 DREs did the evals

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DRUG EVALUATION & CLASSIFICATION PROGRAM - VALIDATION – LOS ANGELES FIELD STUDY

- > 173 cases persons arrested for suspected DUID
- 28 different DREs
- > None involved in crashes so that injuries couldn't mimic symptoms
- 2 blood samples were taken with one going to LAPD lab and the other to an independent lab

DRUG EVALUATION & CLASSIFICATION PROGRAM –	
VALIDATION – LOS ANGELES FIELD STUDY	
> RESULTS –	
92.5% accuracy in "predicting" at least one of the category of drugs used. Poly-drug use Diss Anasthetics – 92%	
 Narcs - 85% Cannabis - 50% CNS Depressants 50% 	
CNS Stimulants 33%*	
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 A study conducted in 1990 by DPS crime lab compiled records of the tox analysis corresponding to AZ DREs and found lab confirmation rate of 86.5% 	
	-
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	В	
► Breath Test		
Interview of arresting officer		
► Preliminary Examination (1st pulse)	<u>r</u>	
Examination of Eyes	<u> </u>	
Divided attention tests (FSTs)	D	
Vital signs (bp, 2 nd pulse, temp)	V	/
Dark room examination	D	
Muscle tone examination	M	
Injection site examination (3 rd pulse)	S	
Suspect's statements	0	
Opinion of the evaluator		

DRUG RECOGNITION EVALUATION Breath Test Interview of arresting officer Preliminary Examination (1¹³ pulse) Examination of Eyes Divided attention tests (FSTs) Vital signs (bp. 2nd pulse, temp) Dark room examination Muscle tone examination Muscle tone examination Injection site examination Injection site examination Injection site examination Opinion of the evaluator Toxicology results

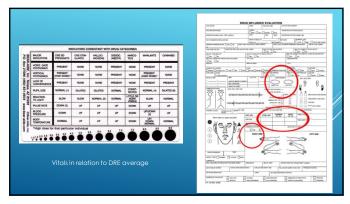
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DRUG RECOGNITION EVALUATION Breath Test Interview of arresting officer Preliminary Examination (1st pulse) Examination of Eyes Examination of Eyes Divided attention tests (FSTs) Vital signs (bp, 2nd pulse, temp) Dark room examination Muscle tone examination Muscle tone examination Injection site examination (3rd pulse) Suspect's statements Opinion of the evaluator Toxicology results

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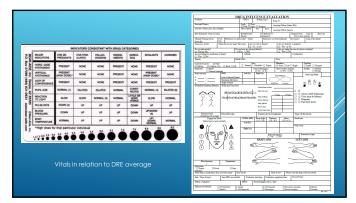
► Toxicology results



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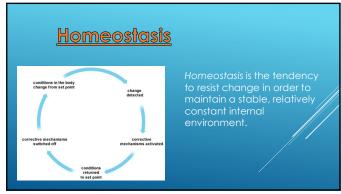
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Interview of arresting officer	P	
Preliminary Examination (1st pulse)	Ė	
Examination of Eyes	D	
Divided attention tests (FSTs)	V	
➤ Vital signs	D	
Dark room examination	M	
Muscle tone examination		
▶ Injection site examination (3 rd pulse)	S	
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Suspect admitted using ______. Therefore DRE only called what Suspect said...





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- ▶ Breath Test
- ► Interview of arresting officer
- ➤ Preliminary Examination (1st pulse +)
- ► Examination of Eyes
- Divided attention tests (FSTs +)
- Vital signs

- Suspect's statementsOpinion of the evaluator
- ► Toxicology results

OPINION OF THE EVALUATOR	
Rule 704. Opinion on an Ultimate Issue	
Currentness	
(a) In GeneralNot Automatically Objectionable. An opinion is not objectionable just because it embraces an ultimate issue.	
(b) Exception. In a criminal case, an expert witness must not state an opinion about whether the defendant did or did not have a mental state or condition that constitutes an element of the crime charged or of a defense. Those matters are for the trier of fact alone.	

DRUG EVALUA	TION AND CLASSIFICATION DRUG C	ATEGORY EXAMPLES	
CNS DEPRESSANTS			
ANTI-CEPTESSANTS Procedure (Procedure (Proce	COMBREATORIS Chilentowopcode Avring pilled Prephreacys. A singulate Benda Extruct Benda Extruc	ANT-PECCHOTIC DIA-ORI, TERMONIC DIA-ORI, TERMONIC DESIGNATION CONTROL CONTROL DIA-ORI	
CNS STIMULANTS	HALLUCINOGENS	NARCOTIC ANALGESICS	///
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DISSOCIATIVE ANESTHETICS Phencyclidine (PCP) Ductronativophan (2004) Kotamine, Katalati, Kotapet, Kotamine, Katalati, Kotapet, Antanet, Matanet	INHALANTS Arryl Nitrote Budy Nitrote (bobudy) Nitrote) Totalese Accione Hecone Cyclothecame	CANNABIS Morisano Hashah Hash Of Marind (Drossbinol) Tetrahydrocamatinol Systhetic cannabinols	

